



51871-000004.UTL
U.S. Patent

UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of)	Group Art Unit: 1632
)	
BAZAN et al.)	Examiner: SISSON, BRADLEY L.
)	
Serial No.: 10/779,412)	Customer. No. 23464
)	
Filed: February 13, 2004)	
)	
For: METHODS AND COMPOSITIONS)	
FOR DETECTION AND ANALYSIS)	
OF POLYNUCLEOTIDE-BINDING)	
PROTEIN INTERACTIONS)	
USING LIGHT HARVESTING)	
<u>MULTI-CHROMOPHORES</u>)	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97-1.98

Mail Stop Amendment
Commissioner for Patents
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In accordance with 37 C.F.R. §1.56 and 37 C.F.R. §§1.97-1.98, this Information Disclosure Statement, including Forms PTO-SB/08A (2 pages) and PTO-SB/08B (5 pages) and cited documents, is provided herewith.

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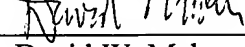
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Applicant respectfully requests that the Examiner review the foregoing documents and information and that they be made of record in the file history of the above-captioned application.

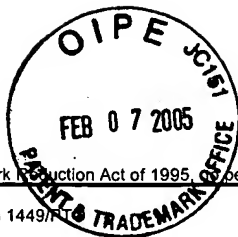
Respectfully submitted,

BUCHANAN INGERSOLL P.C.

Date: January 26, 2005

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Application Number	10/779,412
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First Named Inventor	Guillermo C. Bazan
Art Unit	1634
Examiner Name	Sisson, Bradley L.
Attorney Docket Number	51871-000004

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	144	US- 4,948,843 A	08-14-1990	Roberts et al.	
	145	US- 4,950,587 A	08-21-1990	Roberts et al.	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	163	WO 99/35288 A1	07-15-1999	Minnesota Mining and Manufacturing Company		
	164	WO 00/14278 A1	03-16-2000	The Secretary of State for Defence		
	165	WO 00/66790 A1	11-09-2000	The Regents of the University of California		
	166	WO 02/081735 A2	10-17-2002	Infectio Diagnostic (I.D.I.) Inc.		
	167	WO 2004/001379 A2	12-31-2003	The Regents of the University of California		

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	168	US- 60/230,186	09-01-2000	Phillips	
	169	US- 60/237,000	09-29-2000	Bruchez	
	170	US- 60/240,216	10-13-2000	Bruchez	
	171	US- 60/276,090	03-16-2001	Jones	
	172	US- 60/314,094	08-23-2001	Burdick	
	173	US- 60/314,101	08-23-2001	Whitten	
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		Art Unit	1634
		Examiner Name	Sisson, Bradley L.
Sheet 3 of 7	Attorney Docket Number	51871-000004	

NON PATENT LITERATURE DOCUMENTS			
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	174	Wang et al., "Size-Specific Interactions Between Single- and Double-Stranded Oligonucleotides and Cationic Water-Soluble Oligofluorenes", Adv. Funct. Mater., June 2003, 13(6), 463-467.	
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	184	Chen et al., "Tuning the Properties of Conjugated Polyelectrolytes through Surfactant Complexation", J. Am. Chem. Soc., 2000, 122, 9302-9303.	
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	194	Liu et al., "Methods for strand-specific DNA detection with cationic conjugation polymers suitable for incorporation into DNA chips and microarrays", PNAS Early Edition, December 2004, p. 1-5	
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	202	Heeger et al., "Making Sense of polymer-based biosensors", PNAS, October 1999, 96(22), 12219-12221.	
	203	Patel et al., "Energy transfer analysis of Fos-Jun dimerization and DNA binding", Proc. Natl. Sci. USA, July 1994, 91, 7360-7364.	

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	204	Lohse et al., "Fluorescein-Conjugated Lysine Monomers for Solid Phase Synthesis of Fluorescents Peptides and PNA Oligomers", Bioconjugate Chem., 1997, 8, 503-509.	
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	213	Liu et al., "Homogeneous Fluorescents-Based DNA Detection with Water-Soluble Conjugated Polymers", Chem. Mater., 2004, 16, 4467-4476.	

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	214	Wolcott, "Advances in Nucleic Acid-Based Detection Methods", Clinical Microbiology Reviews, October 1992, 5(4), 370-386.	
	215	Umek et al., "Electronic Detection of Nucleic Acids, A Versatile Platform for Molecular Diagnostics", Journal of Molecular Diagnostics, May 2001, 3(2), 74-84.	
	216	Stevens et al., "Exciton dissociation mechanisms in the polymeric semiconductors poly(9,9-dioctylfluorene) and poly(9,9-dioctylfluorene-co-benzothiadiazole)", Physical Review B, April 2001, 63, 1-18.	
	217	Wang, "Survey and Summary From DNA biosensors to gene chips", Nucleic Acids Research, 2000, 28(16), 3011-3016.	
	218	Beier et al., "Versatile derivatisation of solid support media for covalent bonding on DNA-microchips", Nucleic Acids Research, 1999, 27(9), 1970-1977.	

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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